

# C-A OPERATIONS PROCEDURES MANUAL

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### **3.26 Emergency Procedure for the Polarized Jet Target & RHIC Polarimeters Building 1012**

#### **1. Purpose**

The purpose of this document is to define the Local Emergency Plan (LEP) for the operation of the Polarized Jet Target and RHIC Polarimeters. This local emergency plan will help to ensure:

- The safety of personnel.
- Implementation of the appropriate emergency procedures contained in [C-A-OPM 3.0](#) and Section 5 of this document.
- Prompt notification of appropriate personnel.
- Maintenance of appropriate emergency status.
- Protection of the environment.
- Preservation of BNL facilities and equipment.

#### **2. Responsibilities**

2.1 Local Emergency Coordinator (LEC) - During the testing, commissioning, and operation of the Polarized Jet Target and RHIC Polarimeters, the Local Emergency Coordinator (LEC) will be the C-A Collider-Accelerator Support (CAS) Watch. The responsibilities of the LEC are described in [C-A-OPM 3.2](#).

2.1.1 The LEC is responsible for being aware of the Shift Leader responsibilities described in Section 2.2.

2.2 The Shift Leader, or designee, or the Building Manager shall be responsible for:

2.2.1 Acting as a First Responder to incidents, and responding to the Command Post.

2.2.2 Assisting the LEC in maintaining the Polarized Jet Target and RHIC Polarimeters and facility in a safe condition.

2.2.3 Ensuring that personnel involved in Polarized Jet Target and RHIC Polarimeters operations are trained in all emergency and safety procedures.

2.2.4 Ensuring that all postings of special instructions are complete.

2.2.5 Implementing all emergency responses outlined in the Procedures section of this document, or any additional instructions given by the Department Emergency Coordinator (DEC), LEC, or Incident Commander.

2.2.6 Assist in assuring that the persons performing safety checks are familiar with the appropriate procedure and the C-A Local Emergency Plan.

### **3. Prerequisites**

The Shift Leader shall have training in the following:

3.1 C-A Local Emergency Plan, [C-A-OPM 3.0](#), including familiarity with [SBMS Emergency Preparedness](#).

3.2 All relevant equipment involved in the Polarized Jet Target and RHIC Polarimeters being used to ensure safe operations.

3.3 Knowledge of the physical layout of the 1012 complex (routes of egress, location of emergency equipment, telephones, controls, etc.).

3.4 Knowledge of the Building Assembly Area (COUNTING HOUSE) and outside assembly area (OUTSIDE of the Service building)

### **4. Precautions**

4.1 The safety of personnel and the environment is of primary importance. In an emergency, all personnel shall take great care not to give instructions or information which may place personnel or the environment at risk or harm.

### **5. Procedures**

5.1 In the event that a fire alarm goes off in the 1012 complex, all non-emergency personnel shall evacuate to the assembly point (OUTSIDE THE SERVICE BUILDING) and await the arrival of the Fire/Rescue Group. For Polarized Jet Target and RHIC Polarimeters, the emergency personnel include The Shift Leader or designee.

5.1.1 If it is not immediately clear there is an actual fire:

5.1.1.1 The Shift Leader or designee shall investigate the Service building area for confirmation.

5.1.1.2 The Shift Leader or designee shall inspect the 1012 complex Fire Panel to assess where the alarm is originating from.

5.1.1.3 If the alarm is confirmed to come from the IR, turn off power to the Jet (magnets, pumps, and RF systems) from the electronics Racks. Pull the nearest fire alarm box if not already sounding then call 2222 or 911.

5.1.1.4 The LEC and Shift Leader should not leave the area without approval of the Incident Commander.

5.1.1.5 The LEC and Shift Leader shall report to the Command Post upon arrival of the Fire/Rescue Captain. The Command Post shall be vehicle designated Car-1 unless directed elsewhere by the F/R Captain.

## **6. Documentation**

None

## **7. References**

7.1 [C-A-OPM 3.0, Local Emergency Plan](#)

7.2 [C-A-OPM 3.2 “Emergency Procedures to be Implemented by the Local Emergency Coordinator”.](#)

7.3 [SBMS Emergency Preparedness](#)